

Electrolytes Having Improved Stability

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Abstract of the Invention

10 The invention provides an electrochemical cell
having an electrolyte which comprises a solute, a
solvent, and an additive. The additive is a
dialkylamide. The dialkylamide lessens the extent of
decomposition of the solute, which is a lithium salt.
The ionic species of the lithium salt are thereby
preserved. The additive also prevents damage to active
material by absorbing excess charge energy below the
15 breakdown potential of the active material.

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